



2012 Summer Research Positions

W. J. Cody Associates

Argonne National Laboratory

[Argonne National Laboratory](#) – a world leader in developing innovations in computer software tools and hardware designs – welcomes bright and enthusiastic graduate students to apply for a new summer research program at the forefront of computing.

Named for one of the pioneers in elementary functions and numerical software libraries, the W. J. Cody Associates program provides an unprecedented opportunity for students to work with experts in the computing sciences.

To be eligible, you must be in an accredited Ph.D. program in computer science, computer engineering, or a related field at a U.S. university. And you must be excited by the chance to attack challenging problems, explore new ideas, create innovative schemes, and test those schemes in real-world applications on the world's largest supercomputers

As a Cody Associate, you will work actively with Argonne scientists in designing, analyzing, and implementing software solutions for scientific computing at extreme scale. Researchers in the [Mathematics and Computer Science Division](#) will help you gain new insights into parallel operating systems and file systems; parallel programming models and communication libraries; and numerical methods and software for solving partial differential equations, uncertainty quantification, and optimization problems on the future Department of Energy leadership computing systems. You will work in a research environment that includes the [Argonne Leadership Computing Facility](#), with access to one of DOE's leadership-class computers.

Argonne is located in the southwestern Chicago suburbs, offering easy access to the cultural attractions of the city. During the appointment period, participants receive a stipend of \$4,000 to \$4,200 per month, depending on experience level. Please be advised that federal/state income taxes will be withheld from the stipend and the stipend amount includes funding to pay for lodging costs. Transportation expenses are reimbursed for one round trip between the Laboratory and the participant's home or university for round-trip distances greater than 100 miles.

We invite you to join us. The first step in the application procedure is sending your current resumé as a .pdf file, along with having three letters of reference sent to Ms. Lisa Reed, Division of Educational Programs, Argonne National Laboratory, 9700 S. Cass Avenue, Argonne, IL 60439 lisareed@anl.gov. This material must be received at Argonne by March 1, 2012.



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